

Converting Colors

XYZ(58.8427, 63.3844, 61.9577)

Have a look what the booklet for
XYZ(58.8427, 63.3844, 61.9577)
contains.

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Color

**XYZ(58.8568, 63.3898,
61.9567)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD2C5
RGB	207, 210, 197
RGB Percent	81%, 82%, 77%
CMY	0.1882, 0.1765, 0.2274
CMYK	0.01, 0.00, 0.06, 0.18
HSL	74°, 13%, 80%
HSV	74°, 6%, 82%
XYZ	58.8568, 63.3898, 61.9567
YIQ	207.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

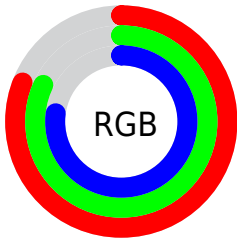
Format	Color
RYB	197, 210, 200
Decimal	13619909
CIELab	83.65, -3.34, 6.07
CIELCh	84, 6.930, 118.785
Yxy	63.3898, 0.3195, 0.3441
Android (android.graphics.Color)	4291809989 (0xFFCFD2C5)
YUV	207.6210, -5.2362, -0.5446
Hunter-Lab	79.6177, -7.3762, 9.5943

Details

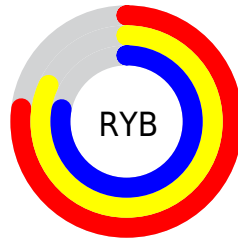
The XYZ color **58.8568, 63.3898, 61.9567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4209, 56.8667, 69.0314**, and the grayscale version is **59.7421, 62.8534, 68.4473**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.9833, 32.5324, 30.6857** is the 20% darker color. If you saturate the color by 10%, you get **55.2822, 61.8078, 50.0913**, and if you desaturate by 10%, it is **62.8118, 65.1328, 75.5924**.

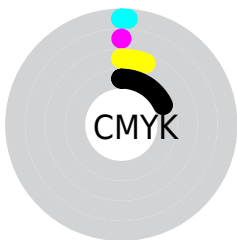
Distribution



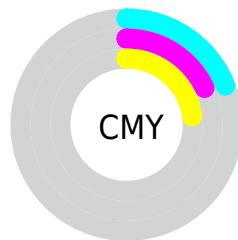
- Red (81%)
- Green (82%)
- Blue (77%)



- Red (77%)
- Yellow (82%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8568, 63.3898, 61.9567 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 58.8568, 63.3898, 61.9567 by changing the saturation by 10% instead.

■ 58.8568, 63.3898,
61.9567

■ 58.8568, 63.3898,
61.9567

410.2736,
436.9828, 449.7764

■ 42.7438, 46.1566,
44.5621

102.2853,
109.7317, 109.2339

■ 29.8778, 32.3694,
30.7723

130.3315,
139.6092, 139.9537

■ 19.8934, 21.6438,
20.1685

163.0862,
174.4702, 175.9523

■ 12.4254, 13.5954,
12.3323

200.9147,
214.6992, 217.6482

■ 7.1084, 7.8398,
6.8451

244.1823,
260.6806, 265.4601

■ 3.5769, 3.9926,
3.2885

293.2544,

■ 1.4657, 1.6694,

312.7987, 319.8064

1.2437

348.4964,
371.4380, 381.1056

■ 0.3023, 0.4038,
0.0150

■ 0.0000, 0.0000,
0.0000

■ 58.8568, 63.3898,
61.9567

■ 58.8568, 63.3898,
61.9567

■ 55.2822, 61.8078,
50.0913

■ 62.8118, 65.1328,
75.5924

■ 52.0687, 60.3730,
39.9194

■ 67.1553, 67.0341,
91.0628

■ 49.2029, 59.0820,
31.3650

■ 71.0857, 68.7750,
104.1360

■ 46.6685, 57.9282,
24.3442

■ 72.5891, 69.5500,
104.2064

■ 44.4478, 56.9046,
18.7660

■ 74.1356, 70.3472,
104.2788

■ 42.5213, 56.0032,
14.5296

■ 75.7255, 71.1669,
104.3532

■ 40.8670, 55.2153,
11.5211

■ 77.3591, 72.0091,
104.4296

■ 39.4593, 54.5305,
9.6079

■ 79.0369, 72.8740,
104.5081

■ 38.2662, 53.9359,
8.6235

■ 80.7591, 73.7618,
104.5887

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.3120, 63.3898, 61.0031



58.8568, 63.3898, 61.9567



57.7904, 63.3898, 64.7822

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.8568, 63.3898, 61.9567



58.7514, 63.3898, 76.4125



63.2129, 63.3898, 69.1980

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.8568, 63.3898, 61.9567



55.4209, 56.8667, 69.0314

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7786, 63.3898, 73.4402



58.8568, 63.3898, 61.9567



60.1883, 63.3898, 77.7118

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8568, 63.3898, 61.9567



57.7302, 63.3898, 73.1208



61.6652, 63.3898, 76.6022



62.8422, 63.3898, 65.0768

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8568, 63.3898, 61.9567



57.4347, 63.3898, 67.4090



61.6652, 63.3898, 76.6022



63.1561, 63.3898, 70.6579

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.8586, 63.3925, 61.9581



93.8075, 99.4531, 104.6125



57.2704, 58.9584, 61.1859



20.0917, 21.2928, 22.4363



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8586, 63.3925, 61.9581



90.8073, 98.1295, 94.3906



57.1291, 62.5010, 61.8771



12.6756, 13.7207, 13.0916



23.1759, 32.8166, 5.1127



1.3625, 1.8692, 0.2890

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.4209, 56.8667, 69.0314



84.7466, 86.6242, 106.8613



57.1428, 57.7544, 69.1120



11.7763, 12.0137, 14.9418



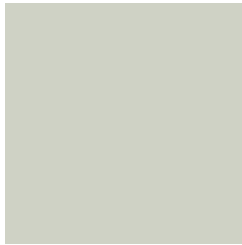
7.9279, 3.2673, 37.4053



0.5147, 0.2195, 2.0948

Previews

White Background



This preview shows how the XYZ color 58.8568, 63.3898, 61.9567 looks on a white background.

Color Contrast Check

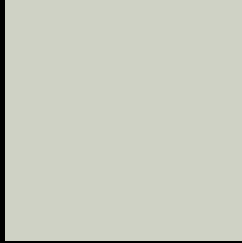
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 58.8568, 63.3898, 61.9567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

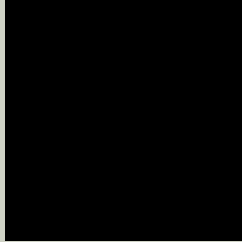
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

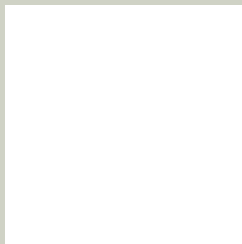
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8568, 63.3898, 61.9567

Background



This preview shows how black text looks on a background with the XYZ color 58.8568, 63.3898, 61.9567.



This preview shows how white text looks on a background with the XYZ color 58.8568, 63.3898,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.8568, 63.3898, 61.9567

Protanopia

60.5440, 63.5443, 61.2988

Deuteranopia

64.4742, 63.0526, 62.8050



Tritanopia

62.1201, 63.2654, 78.0446

Trichromacy



Original Color

58.8568, 63.3898, 61.9567

Protanomaly

59.9156, 63.5835, 61.3395

Deuteranomaly

62.2173, 62.9509, 62.2976

Tritanomaly

60.9014, 63.1314, 71.9265

Monochromacy



Original Color

58.8568, 63.3898, 61.9567

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7120, 63.3705, 66.2113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8568, 63.3898, 61.9567 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(207, 210, 197) looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 210, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.8568, 63.3898, 61.9567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 210, 197) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 210, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 210, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8568, 63.3898, 61.9567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
210, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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